

Attorney Docket No. 030259U3

IN THE CLAIMS

1. (Original) A method of wireless communications between a first network and a second network enabling a mobile station (MS) subscribed in the first network to communicate using the second network, comprising:
 - storing an identity of the mobile station;
 - obtaining authentication information from the first network based on the identity of the mobile station;
 - storing the authentication information from the first network in a general global gateway (GGG);
 - using an algorithm using the authentication information to produce an encryption key; and
 - using the encryption key to authenticate the mobile station.
2. (Previously Presented) A method of wireless communications between a first network and a second network enabling a mobile station (MS) subscribed in the first network to communicate using the second network, comprising:
 - storing an identity of the mobile station;
 - obtaining authentication information from the first network based on the identity of the mobile station;
 - using the authentication information from the first network to create a key; and
 - substituting the key for an authentication key used in an algorithm to authenticate the mobile station.
3. (Previously Presented) The method of claim 2, wherein the created key is from the first network.
4. (Previously Presented) The method of claim 2, wherein the algorithm is executed in the second network.
5. (Previously Presented) The method of claim 2, wherein the authentication key is SSD-A.

Attorney Docket No. 030259U3

6. (Previously Presented) The method of claim 3, wherein the first network is a **GSM** network.
7. (Previously Presented) The method of claim 3, wherein the second network is a **CDMA** network.
8. (Previously Presented) The method of claim 3, wherein the algorithm is a **CAVE** algorithm.
9. (Canceled) A mobile station, comprising:
means for receiving a key from a first network; and
means for substituting the first network key for an authentication key used in an algorithm to authenticate the mobile station.